

ABSTRACT OF THE DISCLOSURE

A deformation member is located between a supporting member and a bearing. A deformation detection device detects
5 the amount of deformation of the deformation member at at least two positions that are spaced from each other in a circumferential direction. Based on the deformation amount, a computer computes unbalanced load that is applied to the supporting member by the tension of a belt. The computer
10 computes tension of an advancing section and tension of a trailing section of the belt in the moving direction of the belt with respect to a section of the belt engaged with a rotor. Therefore, the strength of the supporting member is maintained while improving the detection accuracy.

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